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RAW SEQUENCE LISTING DATE: 02/21/2002 PATENT APPLICATION: US/09/873,075A TIME: 12:40:51

Input Set : A:\10038a.ST25.txt

Output Set: N:\CRF3\02212002\I873075A.raw

## **ENTERED**

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3 <110> APPLICANT: Svendsen, Allan
              Schroder Glad, Sanne
              Fukuyama, Shiro
             Matsui, Tomoko
      8 <120> TITLE OF INVENTION: Cutinase variants
     10 <130> FILE REFERENCE: 10038.200-US
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/873,075A
C--> 12 <141> CURRENT FILING DATE: 2001-06-01
     12 <160> NUMBER OF SEQ ID NOS: 10
     14 <170> SOFTWARE: PatentIn version 3.1
     16 <210> SEQ ID NO: 1
     17 <211> LENGTH: 194
     18 <212> TYPE: PRT
     19 <213> ORGANISM: Humicola insolens
     21 <400> SEQUENCE: 1
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     27 Cys Pro Asp Ala Ile Leu Ile Phe Ala Arg Gly Ser Thr Glu Pro Gly
     31 Asn Met Gly Ile Thr Val Gly Pro Ala Leu Ala Asn Gly Leu Glu Ser
                                    40
     35 His Ile Arg Asn Ile Trp Ile Gln Gly Val Gly Gly Pro Tyr Asp Ala
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     39 Ala Leu Ala Thr Asn Phe Leu Pro Arg Gly Thr Ser Gln Ala Asn Ile
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     43 Asp Glu Gly Lys Arg Leu Phe Ala Leu Ala Asn Gln Lys Cys Pro Asn
     47 Thr Pro Val Val Ala Gly Gly Tyr Ser Gln Gly Ala Ala Leu Ile Ala
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     51 Ala Ala Val Ser Glu Leu Ser Gly Ala Val Lys Glu Gln Val Lys Gly
                                    120
     55 Val Ala Leu Phe Gly Tyr Thr Gln Asn Leu Gln Asn Arg Gly Gly Ile
                                135
     59 Pro Asn Tyr Pro Arg Glu Arg Thr Lys Val Phe Cys Asn Val Gly Asp
                            150
     63 Ala Val Cys Thr Gly Thr Leu Ile Ile Thr Pro Ala His Leu Ser Tyr
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     67 Thr Ile Glu Ala Arg Gly Glu Ala Ala Arg Phe Leu Arg Asp Arg Ile
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     75 <210> SEQ ID NO: 2
     76 <211> LENGTH: 17
     77 <212> TYPE: PRT
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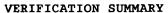
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 80 <220> FEATURE:
 81 <223> OTHER INFORMATION: Synthetic
 83 <400> SEQUENCE: 2
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 86 1
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 89 Arg
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 122 <220> FEATURE:
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127 <222> LOCATION: (43)..(43)
128 <223> OTHER INFORMATION: n denotes a, g, c or t
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132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (46)..(46)
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		SEQ ID NO: 8	
		LENGTH: 23	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Primer	
		SEQUENCE: 8	
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		SEQ ID NO: 9	
		LENGTH: 20	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Primer	
		SEQUENCE: 9	
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		SEQ ID NO: 10	
		LENGTH: 18	
		TYPE: DNA	
		ORGANISM: Artificial Sequence	
		FEATURE:	
		OTHER INFORMATION: Primer	
		SEQUENCE: 10	
206	ttcgag	gcgtc ccaaaacc	18



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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5